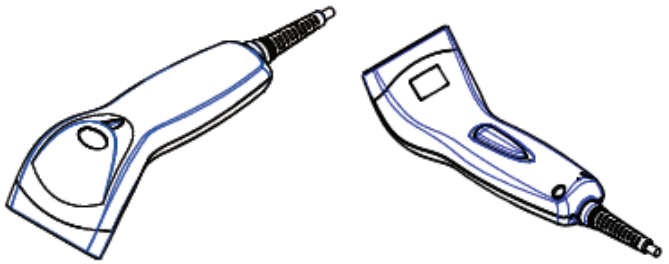
Z-3220
Handheld Linear Image Scanner

32 Bit
Ultrascan Decoding Technology

Standard Device



PIN-OUT CONFIGURATION			
MODULE JACK_PIN#	Keyboard Wedge	RS-232C	USB
#1	N/C	RTS (TTL level)	N/C
#2	Keyboard_ Data	N/C	USB_D+
#3	PC_ Clock	N/C	USB_D-
#4	Ground	Ground	Ground
#5	N/C	CTS (TTL level)	N/C
#6	N/C	RXD (TTL level)	N/C
#7	Keyboard_ Clock	N/C	N/C
#8	PC 5V	N/C	USB 5V
#9	PC_ Data	N/C	N/C
#10	N/C	TXD(TTL level)	N/C

Ordering Information

	88H-200000-000	Z-3220	White housing (device only, w/o cable)
	88H-200000-001	Z-3220 (B)	Black housing (device only, w/o cable)
	88H-2000KP-000	Z-3220 (K)	White housing w/PS/2 cable
	88H-2000KP-001	Z-3220 (K)(B)	Black housing w/PS/2 cable
	88H-2000RP-000	Z-3220 (R)	White housing w/RS-232 cable (DTE pin-out)
	88H-2000RP-001	Z-3220 (R)(B)	Black housing w/RS-232 cable (DTE pin-out)
	88H-2000UB-000	Z-3220 (U)	White housing w/USB cable
	88H-2000UB-001	Z-3220 (U)(B)	Black housing w/USB cable
	88H-2000RP-0NB	Z-3220 (R)	White housing w/RS-232 cable (DTE pin-out) w/o ZEBEX logo
	88H-2000RP-0N1	Z-3220 (R)(B)	Black housing w/RS-232 cable (DTE pin-out) w/o ZEBEX logo
	88H-2000UB-0NB	Z-3220 (U)	White housing w/USB cable w/o ZEBEX logo
	88H-2000UB-0N1	Z-3220 (U)(B)	Black housing w/USB cable w/o ZEBEX logo
	88H-2000UR-000	Z-3220 (UR)	White housing w/USB Virtual COM Interface
	88H-2000UR-001	Z-3220 (UR)(B)	Black housing w/USB Virtual COM Interface

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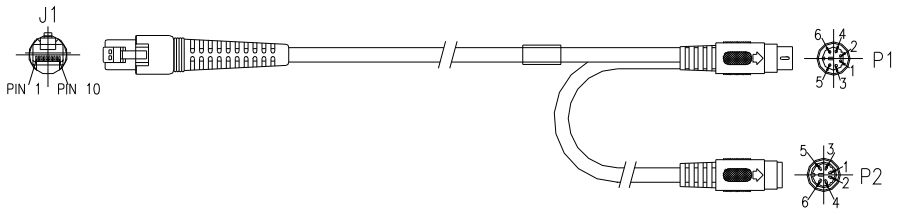
Standard Cable Options

- The standard cable is gray, straight, and 2 meters (6.5 feet) in length.
- The standard cable options include PS/2, RS-232 (either DCE or DTE pinout), USB, and etc.
- Special Order Requirement:
  ZEBEX is capable of supplying special customized cable, given that customers provide detailed pin configurations. The minimum order quantity of a special cable is 250 pcs.

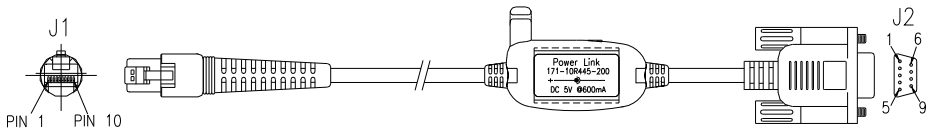
1. Keyboard Wedge Cable (for PS/2)



PIN-OUT CONFIGURATION			
MINI DIN (M)		MINI DIN(F)	
1.	PC Data	1.	KB Data
2.	N.C.	2.	N.C.
3.	GND	3.	GND
4.	+5V	4.	+5V
5.	PC Clock	5.	KB Clock
6.	N.C.	6.	N.C.

Item Part No. 171-10K100-200

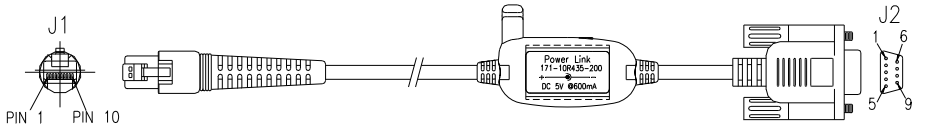
2. RS-232C Communication Cable (DTE pin out)



PIN-OUT CONFIGURATION	
DB-9 (F)	FUNCTION
2	TX
3	RX
7	CTS
8	RTS
5	GND
9	+5V Input

Item Part No. 171-10R445-200

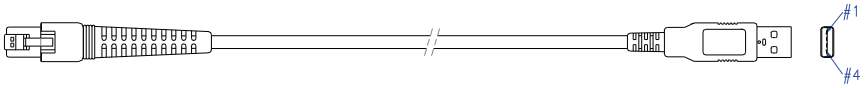
3. RS-232C Communication Cable (DCE pin out)



PIN-OUT CONFIGURATION	
DB-9 (F)	FUNCTION
2	RX
3	TX
7	RTS
8	CTS
5	GND
9	+5V Input

Item Part No. 171-10R432-200

4. HID USB / Virtual COM USB / OPOS USB Interface with Detachable Cable Type A



PIN-OUT CONFIGURATION	
USB TYPE A CONNECTOR	FUNCTION
1.	VCC
2.	D-
3.	D+
4.	VSS

Item Part No. 171-10U302-200

*** Additional software or special firmware may be required for activating virtual COM or OPOS USB interface.**

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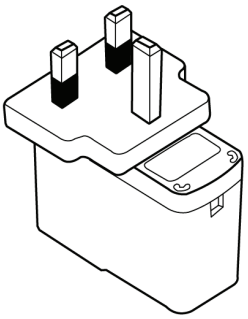
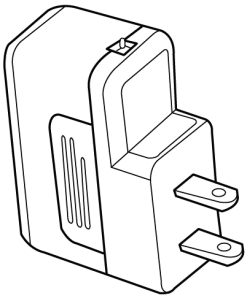
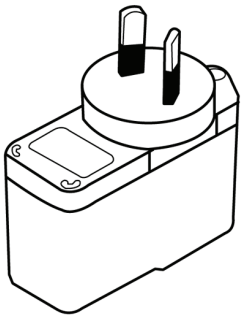
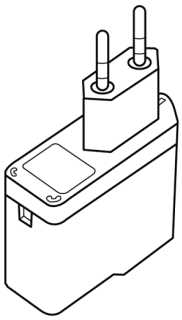
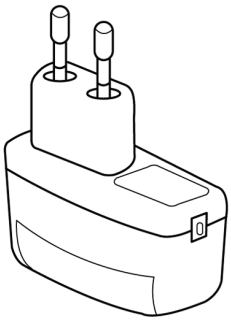
Power Adapter

Z-3220 requires a minimum of 110mA at 5 VDC power and consumes power from the host machine. If the host can not supply sufficient power, ZEBEX provides adapters of the following plug types:

UK Plug	US Plug	Australian Plug	European Plug	Korean Plug
				

*** The figures are for reference only. The adaptor form factor is subject to change without prior notice.**

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